



## Compliance Component

### DEFINITION

<i>Name</i>	Electronic Signatures
<i>Description</i>	Electronic Signatures are paperless ways to sign a document using an electronic symbol or process. They may be such things as digitized images of physical signatures, typed notations such as "/s/ John Smith", stamps, seals, headers on faxes, or headers on email. They satisfy Missouri laws where a written signature is required. An Electronic Signature can also be a digital signature if it uses cryptographic methods to assure both message integrity and authenticity (see the Digital Signatures Compliance Component).
<i>Rationale</i>	Electronic Signatures facilitate the use of electronic records and signatures with intrastate, interstate and foreign commerce by ensuring the validity and legal effect of contracts entered into electronically.
<i>Benefits</i>	<ul style="list-style-type: none"> <li>Satisfy Missouri statutes where a signature is required</li> <li>Are the legally binding equivalent of the individual's handwritten signature</li> </ul>

### ASSOCIATED ARCHITECTURE LEVELS

<i>List the Domain Name</i>	Security
<i>List the Discipline Name</i>	Technical Controls
<i>List the Technology Area Name</i>	Identification and Authentication
<i>List Product Component Name</i>	

### COMPLIANCE COMPONENT TYPE

<i>Document the Compliance Component Type</i>	Guideline
<i>Component Sub-type</i>	

### COMPLIANCE DETAIL

<i>State the Guideline, Standard or Legislation</i>	<p>Electronic Signature standards are broad and not specifically defined. Whether any particular record is "signed" is a question of fact. Proof of that fact must be made under other applicable law. The signature may be accomplished through electronic means. No specific technology need be used in order to create a valid electronic signature.</p> <p>The terms Electronic Signature and Digital Signature have come into widespread, and somewhat confused, use. The situation is unsatisfactory in many respects, and will remain so until usage, especially in statutes and regulations, becomes more standardized. An Electronic Signature is often incorrectly used to mean a cryptographic method to add non-repudiation and message integrity features to a document. To accomplish non-repudiation and message integrity, see the Digital Signatures Compliance Component.</p> <ul style="list-style-type: none"> <li>Care must be taken to control use of the electronic signature so that it is not used without authorization</li> </ul>
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<i>Document Source Reference #</i>	432.230 RSMo, Contracts Required to Be in Writing; PL106-229, Electronic Signatures in Global and National Commerce Act (June, 2000); Uniform Electronic Transaction Act (1999)		
<b>Standard Organization</b>			
<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			
<b>Government Body</b>			
<i>Name</i>	US Congress	<i>Website</i>	http://uscode.house.gov/
<i>Contact Information</i>			
<i>Name</i>	State of Missouri	<i>Website</i>	http://mo.gov/
<i>Contact Information</i>			
<b>KEYWORDS</b>			
<i>List all Keywords</i>	authenticate, integrity, contract, non-repudiation, digitized, digital signature, symbol, watermark, seal, authorization		
<b>COMPONENT CLASSIFICATION</b>			
<i>Provide the Classification</i>	<input type="checkbox"/> <i>Emerging</i> <input checked="" type="checkbox"/> <i>Current</i> <input type="checkbox"/> <i>Twilight</i> <input type="checkbox"/> <i>Sunset</i>		
<b>Rationale for Component Classification</b>			
<i>Document the Rationale for Component Classification</i>			
<b>Conditional Use Restrictions</b>			
<i>Document the Conditional Use Restrictions</i>			
<b>Migration Strategy</b>			
<i>Document the Migration Strategy</i>			
<b>Impact Position Statement</b>			
<i>Document the Position Statement on Impact</i>			
<b>CURRENT STATUS</b>			
<i>Provide the Current Status</i>	<input type="checkbox"/> <i>In Development</i> <input type="checkbox"/> <i>Under Review</i> <input checked="" type="checkbox"/> <i>Approved</i> <input type="checkbox"/> <i>Rejected</i>		
<b>AUDIT TRAIL</b>			
<i>Creation Date</i>	09/01/2005	<i>Date Accepted / Rejected</i>	11/8/05
<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			